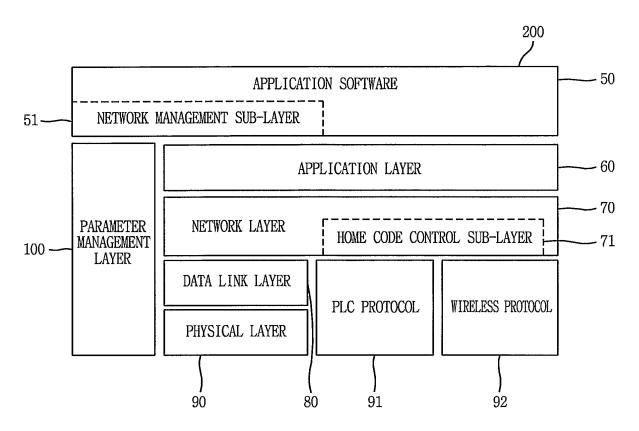


2/15 FIG.2



3/15 FIG.3

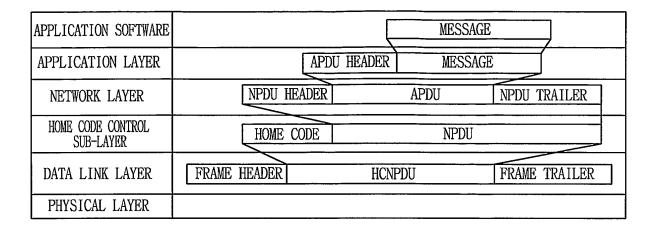


FIG.4

APPLICATION SOFTWARE	MESSAGE
APPLICATION LAYER	APDU HEADER MESSAGE
NETWORK LAYER	NPDU HEADER APDU NPDU TRAILER
DATA LINK LAYER	FRAME HEADER NPDU FRAME TRAILER
PHYSICAL LAYER	

4/15 FIG. 5

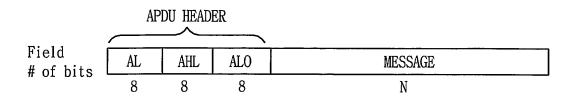


FIG.6

Field	SLP	DA	SA	PL	NLC	APDU	CRC	ELP
# of bits	8	16	16	8	24	N	16	8

FIG.7

Field SP NHL PV NPT TC PN # of bits 3 5 8 4 2 2

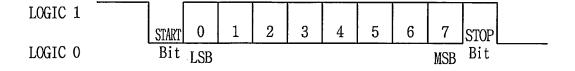
5/15 FIG.8

rrc	MDDII
I HC	NPDU I

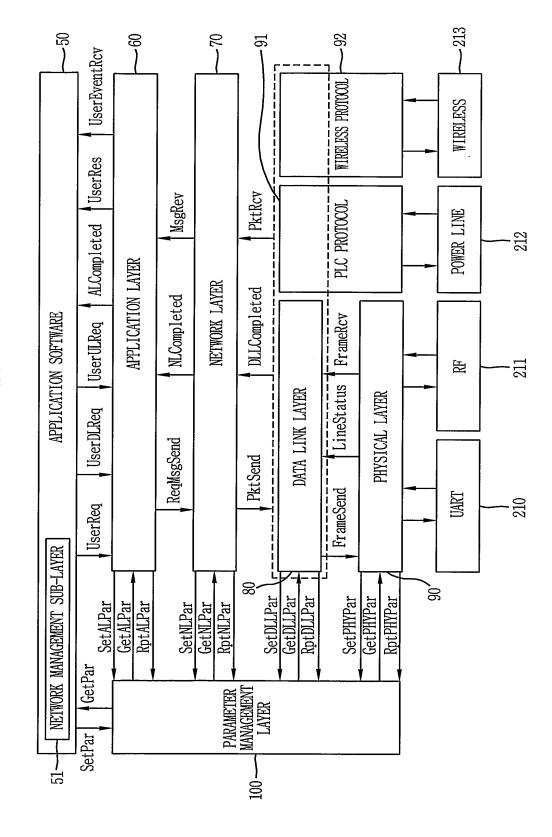
FIG.9

FRAME HEADER	NPDU/HCNPDU	FRAME TRAILER
--------------	-------------	---------------

FIG. 10







F[G.]

PCT/KR2005/000949

-213a **1**50a -60a -70a 91a-92a WIRELESS PROTOCOL **ALCompleted** WIRELESS ReqMsgRcv PktRcv PLC PROTOCOL **NLCompleted** UserRegRcv POWER LINE 212a APPLICATION LAYER NETWORK LAYER **DLLCompleted** UserEventSend EventMsgSend APPLICATION SOFTWARE FrameRcv 211a 图 LineStatus DATA LINK LAYER PHYSICAL LAYER UserResSend ReqMsgSend **PktSend** FrameSend UART 210a NETWORK MANAGEMENT SUB-LAYER 80a GetPHYPar RptPHYPar SetDLLPar GetDLLPar SetALPar GetALPar RptALPar SetNLPar GetNLPar RptDLLPar SetPHYPar RptNLPar GetPar PARAMETER MANAGEMENT LAYER SetPar 100a -

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FIG. 1

8/15 FIG. 13

	l		
CC	AUG1	AUG2	•••••
	12000		

FIG. 14

CC	CURRENTPAGE	•••••

FIG. 15

CC	PAGENO	DATANO	•••••

9/15 FIG. 16

CC ACK AUG1 AUG2 ·····	ACK AUG1 AUG2 ·····	
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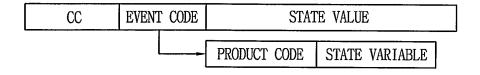
FIG. 17

CC NAK	NAK_CODE
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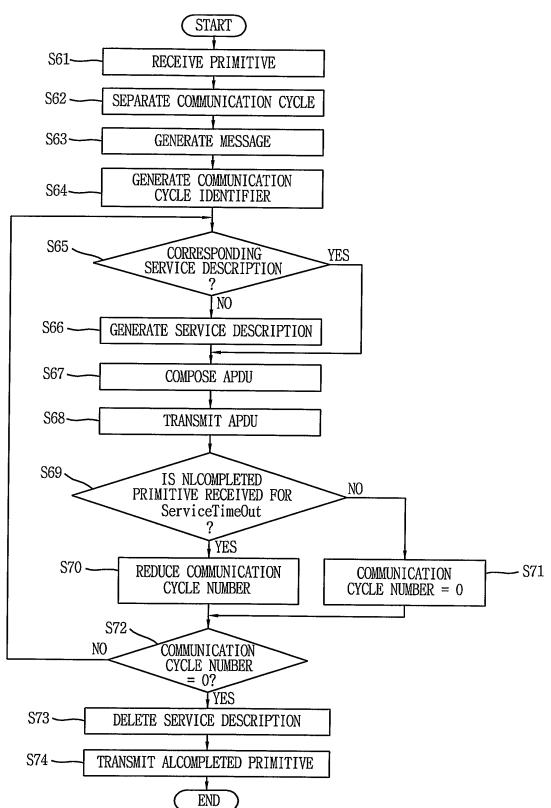
FIG. 18

CC	NAK	NAK_CODE	ERROR_CODE

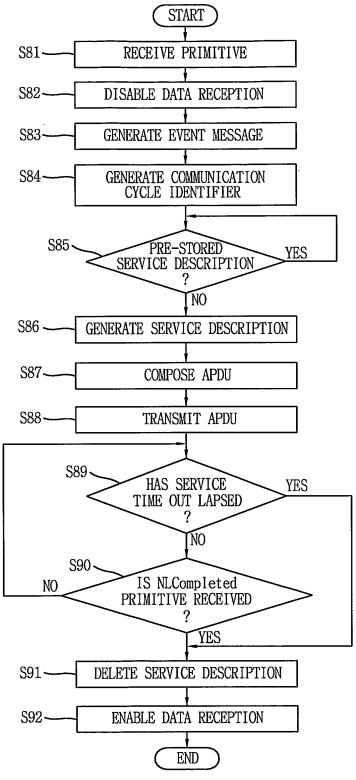
FIG. 19



10/15 FIG.20



11/15 FIG.21



12/15 FIG. 22

Field # of bits	NODE ADDRESS	0x00	COMMAND CODE
	16	8	8

13/15 FIG.23 START RECEIVE ReqMsgRcv PRIMITIVE S101~ S102 -DISABLE DATA RECEPTION S103 NO APDU PROCESSING YES IGNORE APDU S106-- S104 EXTRACT MESSAGE S107 IS GENERATION OF SERVICE DESCRIPTION NO REQUIRED? YES S108 -GENERATE SERVICE DESCRIPTION

YES

ENABLE DATA RECEPTION

-S105

GENERATE AND TRANSMIT UserReqRcv PRIMITIVE

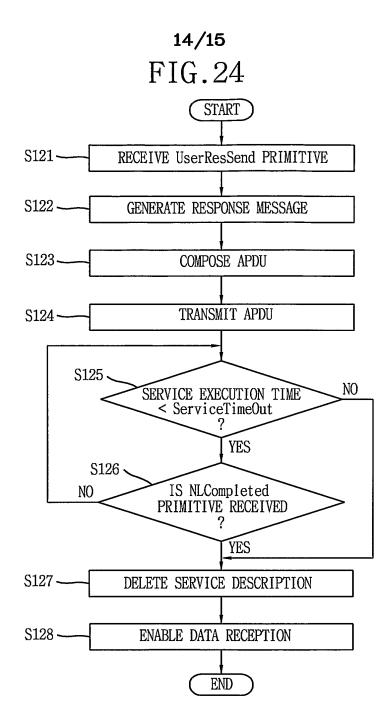
NON-ACKNOWLEDGED

END

NO

S109 ~

S110 ·



15/15 FIG. 25

